

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Benda, et al.  
Serial No.: 10/039,094  
Filed: 01/02/2002  
Group Art Unit: 1731  
Examiner: Colaianni, Michael  
Title: LONG PERIOD FIBER BRAGG GRATINGS  
WRITTEN WITH ALTERNATE SIDE IR LASER  
ILLUMINATION

FAX RECEIVED  
AUG 11 2003  
GROUP 1700

**RESPONSE**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is responsive to the Office Action mailed on July 11, 2003.

**REMARKS**

In the Office Action mailed July 11, 2003, the Examiner indicated that restriction to one of the following inventions was required under 35 U.S.C. §121:

Group I - claims 1-10, drawn to a method of optical fiber manufacture;

Group II - claims 11-19, drawn to a system for optical fiber manufacture using two mirrors and a laser;

Group III - claim 20, drawn to an optical fiber.